

Page 1

Attorney's Docket No. IMBC320.001 APC

**DECLARATION AND POWER OF ATTORNEY - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled THE USE OF MICROELECTRONIC STRUCTURES FOR PATTERNED DEPOSITION OF MOLECULES ONTO SURFACES the specification of which:

- (a) ☐ is attached hereto; or
- (b) ☐ was filed on \_\_\_\_\_ as Application No. 0 / \_\_\_\_\_ or Express Mail No., as Application No. not yet known \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or
- (c) ☒ was described and claimed in PCT International Application No. PCT/BE2004/000182 filed on 22 December 2003.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56;

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, design or inventor's certificate or any PCT international application(s) listed below and have also identified below any foreign application(s) for patent, design or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed for the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. § 119
USA	60/531,931	22 December 2003	<input checked="" type="checkbox"/> YES      NO <input type="checkbox"/>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Koen De Keersmaecker

Inventor's signature Koen De Keersmaecker Day 8<sup>th</sup> Month June Year 2006

Residence (city and country): Heverlee, Belgium

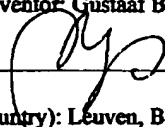
Citizenship: Belgian

Post Office Address: Hertogstraat 151, bus 204, 3001 Heverlee, Belgium

Page 2

Attorney's Docket No. JMEC320.001 APC

Full name of second inventor: Gustaaf Borghs

Inventor's signature  Day 19 Month 6 Year 2006

Residence (city and country): Leuven, Belgium

Citizenship: Belgian

Post Office Address: Bergstraat 70, 3010 Leuven, Belgium

Full name of third inventor: Piet Herdewijn

Inventor's signature \_\_\_\_\_ Day \_\_\_\_\_ Month \_\_\_\_\_ Year \_\_\_\_\_

Residence (city and country): Wezemaal, Belgium

Citizenship: Belgian

Mailing Address: Olivierstraat 21, 3111 Wezemaal,, Belgium

---

Send Correspondence To:  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995

PF-3

2661735  
060606

Page 2

Attorney's Docket No. IMEC320.001APC

---

Full name of second inventor: Gustaaf Borghs

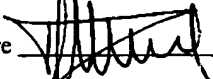
Inventor's signature \_\_\_\_\_ Day \_\_\_\_\_ Month \_\_\_\_\_ Year \_\_\_\_\_

Residence (city and country): Leuven, Belgium

Citizenship: Belgian

Post Office Address: Bergstraat 70, 3010 Leuven, Belgium

Full name of third inventor: Piet Herdewijn

Inventor's signature  Day 9 Month june Year 2006

Residence (city and country): Wezemaal, Belgium

Citizenship: Belgian

Mailing Address: Olivierstraat 21, 3111 Wezemaal,, Belgium

---

Send Correspondence To:  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995

PF-3

2661735  
060606

IMEC320.001APC  
PATENT**ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY**

To the Commissioner of Patents and Trademarks:

The undersigned is empowered to act on behalf of the assignees indicated below (the "Assignees"). The original assignment of the attached application for Letters Patent for the invention in THE USE OF MICROELECTRONIC STRUCTURES FOR PATTERNED DEPOSITION OF MOLECULES ONTO SURFACES from the inventors to the Assignees is being submitted herewith for recordation by the Assignment Branch. A true copy of this Assignment is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventors to the Assignees. I have reviewed this Assignment, and to the best of the Assignees' knowledge and belief, the Assignees are the owners of the entire right, title, and interest in the above-referenced application.

I declare that all statements made herein of my own knowledge are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

Assignee: Interuniversitair Microelektronica Centrum

By: Prof. Gilbert DeclerckTitle: CEO

Address: Kapeldreef 75, 3001 Leuven, Belgium

Dated: \_\_\_\_\_

Assignee: Katholieke Universiteit Leuven

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address: Naamsestraat 22, 3000 Leuven, Belgium

Dated: \_\_\_\_\_

PF-2

2661896  
060606

IMEC320.001AP0  
PATENT**ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY**

To the Commissioner of Patents and Trademarks:

The undersigned is empowered to act on behalf of the assignees indicated below (the "Assignees"). The original assignment of the attached application for Letters Patent for the invention in THE USE OF MICROELECTRONIC STRUCTURES FOR PATTERNED DEPOSITION OF MOLECULES ONTO SURFACES from the inventors to the Assignees is being submitted herewith for recordation by the Assignment Branch. A true copy of this Assignment is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventors to the Assignees. I have reviewed this Assignment, and to the best of the Assignees' knowledge and belief, the Assignees are the owners of the entire right, title, and interest in the above-referenced application.

I declare that all statements made herein of my own knowledge are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, Telephone (949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

Assignee: Interuniversitair Microelektronica Centrum

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address: Kapeldreef 75, 3001 Leuven, Belgium

Dated: \_\_\_\_\_

Assignee: Katholieke Universiteit Leuven

By: Dr. Ivo ROBLANTS Paul VAN DUN  
General ManagerTitle: IPR Officer

Address: Naamsestraat 22, 3000 Leuven, Belgium

Dated: Leuven, 13-06-06

PF-2

2661896  
060606

**COPY****- DO NOT RECORD -**

IMBC320.001APC

PATENT

ASSIGNMENT

WHEREAS, WE Koen De Keersmaecker, a Belgian citizen, residing at Hertogstraat 151, bus 204, 3001 Heverlee, Belgium; Gustaaf Borghs, a Belgian citizen, residing at Bergstraat 70, 3010 Leuven, Belgium; and Piet Herdewijn, a Belgian citizen, residing at Olivierstraat 21, 3111 Wezemaal, Belgium, hereinafter referred to collectively as Assignors, have invented certain new and useful improvements in THE USE OF MICROELECTRONIC STRUCTURES FOR PATTERNED DEPOSITION OF MOLECULES ONTO SURFACES, the specification of which:

- (a) ☐ is attached hereto; or
- (b) ☐ was filed on \_\_\_\_\_ as Application No. 0 / \_\_\_\_\_ or Express Mail No., as Application No. not yet known \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or
- (c) ☒ was described and claimed in PCT International Application No. PCT/BE2004/000182 filed on 22 December 22 2003.

AND WHEREAS, Interuniversitair Microelektronica Centrum, with its principal place of business at Kapeldreef 75, 3001 Leuven, Belgium and Katholieke Universiteit Leuven, with its principal place of business at Naamsestraat 22, 3000 Leuven, Belgium (hereinafter referred to collectively as Assignees) desire to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors hereby acknowledge that they have sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignors hereby authorize and request the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignees, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNORS HEREBY covenant and agree that they will communicate to Assignees, their successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IMBC320.001APC

IN TESTIMONY WHEREOF, Assignors intending to be legally bound have hereunto affixed their signature.

This 8<sup>th</sup> day of June, 2006

*di Keersmaecker*  
Signature of Koehn De Keersmaecker

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Signature of Gustaaf Borghs

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Signature of Piet Herdewijn

Witnessed by:

\_\_\_\_\_  
PF-5

2661804  
060606

IMEC320.001APC

IN TESTIMONY WHEREOF, Assignors intending to be legally bound have hereunto affixed their signature.

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Signature of Koen De Keersmaecker

This 19 day of June, 2006

  
\_\_\_\_\_  
Signature of Gustaaf Borghs

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Signature of Piet Herdewijn

Witnessed by:

\_\_\_\_\_  
PF-5

2661804  
060606



IMEC320.001APC

IN TESTIMONY WHEREOF, Assignors intending to be legally bound have hereunto affixed their signature.

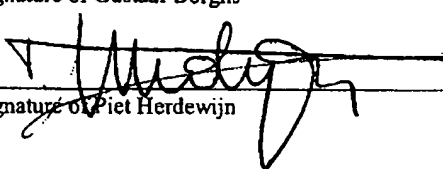
This \_\_\_\_ day of \_\_\_\_, 20\_\_

\_\_\_\_\_  
Signature of Koen De Keersmaecker

This \_\_\_\_ day of \_\_\_\_, 20\_\_

\_\_\_\_\_  
Signature of Gustaaf Borghs

This 9 day of June, 2006

  
\_\_\_\_\_  
Signature of Piet Herdewijn

Witnessed by:

\_\_\_\_\_  
PF-5

2661804  
060606